



Application Project

<120> Title : Regulatory protein from human keratinocytes
<130> AppFileReference : KM1/PCT
<140> CurrentAppNumber : 09/787,559
<141> CurrentFilingDate : 2001-06-18

Earlier Applications

<150> PriorAppNumber : DE 198 42 863
<151> PriorFilingDate : 1998-09-19

#13/C seq.

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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c 120
tgggcaaagg caacttcgcg gtggtgaagc tggcgcgga tcgagtcacc aaaacgcag
g 180
tcgcaataaa aataattgat aaaacacgat tagattcaag caatttggag aaaatctat
c 240
gtgaggttca gctgatgaag cttctgaacc atccacacat cataaagctt taccaggtt
a 300
tggaacaaa ggacatgctt tacatcgtca ctgaatttgc taaaaatgga gaaatgttt
g 360
attatttgac ttccaacggg cacctgagtg agaacgaggc gcggaagaag ttctggcaa
a 420
tcctgtcggc cgtggagtag tgtcacgacc atcacatcgt ccaccgggac ctcaagacc
g 480
agaacctcct gctggatggc aacatggaca tcaagctggc agattttgga tttgggaat
t 540
tctacaagtc aggagagcct ctgtccacgt ggtgtgggag cccccgtat gccgccccg
g 600
aagtctttga ggggaaggag tatgaaggcc ccagctgga catctggagc ctgggcgtg
g 660
tgctgtacgt cctgggtctgc ggttctctcc ccttcgatgg gcctaacctg ccgacgctg
a 720
gacagcgggt gctggagggc cgcttccgca tccccttctt catgtctcaa gactgtgag
a 780
gcctgatccg ccgcatgctg gtggtggacc ccgccaggcg catcaccatc gccagatc
c 840
ggcagcaccg gtggatgcgg gctgagccct gcttgccggg acccgctgc cccgccttc
t 900
ccgcacacag ctacacctcc aacctgggcg actacgatga gcaggcgctg ggtatcatg
c 960
agaccctggg cgtggaccgg cagaggacgg tggagtcact gcaaaacagc agctataac
c 1020

Sub
D

RE

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actttgctgc catttattac ctcctccttg agcgggtcaa ggagtatcgg aatgcccag
t      1080
gcgcccgcgc cgggcctgcc aggcagccgc ggcctcggag ctcggaacctc agtggtttg
g      1140
aggtgcctca ggaaggtctt tccaccgacc ctttccgacc tgccttgctg tgcccgcag
c      1200
cgcagacctt ggtgcagtcc gtcctccagg ccgagatgga ctgtgagctc cagagctcg
c      1260
tgcagtggcc cttgtttctc ccggtggatg ccagctgcag cggagtgttc cggccccgg
c      1320
ccgtgtcccc aagcagcctg ctggacacag ccatcagtga ggaggccagg cagggggccg
g      1380
gcctagagga ggagcaggac acgcaggagt ccctgcccag cagcacgggc cggaggcac
a      1440
ccctggccga ggtctccacc cgcctctccc cactcaccgc gccatgtata gtcgtctcc
c      1500
cctccaccac ggcaagtcct gcagagggaa ccagctctga cagttgtctg accttctct
g      1560
cgagcaaaag ccccgcgggg ctcaagtggca ccccggccac tcaggggctg ctgggcgcc
t      1620
gctccccggt caggctggcc tcgcccttcc tggggtcgca gtccgccacc ccagtgtctg
c      1680
aggctcaggg gggcttgga ggagctgttc tgctccctgt cagcttccag gagggacgg
c      1740
gggcgtcgga cacctcactg actcaagggc tgaaggcctt tcggcagcag ctgaggaag
a      1800
ccacgcggac caaagggttt ctgggactga acaaaatcaa ggggctggct cgccaggtg
t      1860
gccaggtccc tgccagccgg gccagcaggg gcggcctgag ccccttccac gccctgca
c      1920
agagcccagg cctgcacggc ggcgcagccg gcagccggga gggctggagc ctgctggag
g      1980
aggtgctaga gcagcagagg ctgctccagt tacagcacca cccggccgct gcacccggc
t      2040
gctcccaggc cccccagccg gccctgccc cgtttgtgat cgccttctgt gatggccct
g      2100
gggctgcccc gctccccagc accctcctca cgtcggggct cccgctgctg ccgccccca
c      2160
tcctgcagac cggcgcgtcc cccgtggcct cagcggcgca gtcctggac acacacctg
c      2220
acattggcac cggccccacc gccctccccg ctgtgcccc accacgcctg gccaggctg
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c      2340
cctgctccct aggcacgttt gtcctggtgc agtgagggca gccctgcac ctggcacgg
a      2400
cactgactct tacagcaata acttcagagg aggtgaagac atctggcctc aaagccaag
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a      2520

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aaaaaaaaaa aaa

2533

<212> Type : DNA

<211> Length : 2533

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SequenceDescription :

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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D 120
YLTSNGHLS NEARKKFWQI LSAVEYCHDH HIVHRDLKTE NLLLDGNMDI KLADFGFGN
F 180
YKSGEPLSTW CGSPPYAAPE VFEGKEYEGP QLDIWSLGVV LYVLVCGSLP FDGPNLPTL
R 240
QRVLEGRFRI PFFMSQDCES LIRRMLVVDP ARRITIAQIR QHRWMRAEPC LPGPACPAF
S 300
AHSYTSNLGD YDEQALGIMQ TLGVDRQRTV ESLQNSSYNH FAAIYYLLE RLKEYRNAQ
C 360
ARPGPARQPR PRSSDLGLE VPQEGSTDP FRPALLCPQP QTLVQSVLQA EMDCELQSS
L 420
QWPLFFPVDA SCSGVFRPRP VSPSSLLDTA ISEEARQGPG LEEEQDTQES LPSSTGRRH
T 480
LAEVSTRLS LTAPCIVVSP STTASPAEGT SSDSCLTFSA SKSPAGLSGT PATQGLLGA
C 540
SPVRLASPFL GSQSATPVLQ AQGGLGGAVL LPVSFQEGRR ASDTSLTQGL KAFRQQLRK
T 600
TRTKGFLGLN KIKGLARQVC QVPASRASRG GLSPFHAPAQ SPGLHGGAAG SREGWSLLE
E 660
VLEQQRLQL QHHPAAAPGC SQAPQPAPAP FVIAPCDGPG AAPLPSTLLT SGLPLLPPP
L 720
LQTGASPVAS AAQLLDTHLH IGTGPTALPA VPPRLARLA PGCEPLGLLQ GDCMEDLM
P 780
CSLGTFVLVQ
790

<212> Type : PRT

<211> Length : 790

SequenceName : SEQ ID NO: 2

SequenceDescription :

Sequence

<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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K 60

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SLRVGFYDIE RTLKGKNFAV VKLARHRVTK TQVAIKIIDK TRLDSSNLEK IYREVQLMK
L      120
LNHPHIKLY QVMETKDMLY IVTEFAKNGE MFDYLTSNGH LSENEARKKF WQILSAVEY
C      180
HDHHIVHRDL KTENLLLDGN MDIKLADFGF GNFYKSGEPL STWCGSPPYA APEVFEGKE
Y      240
EGPQLDIWSL GVVLYVLVCG SLPFDGPNLP TLRQRVLEGR FRIPFFMSQD CESLIRRML
V      300
VDPARRITIA QIRQHRWMRA EPCLPGPACP AFSAHSYTSN LGDYDEQALG IMQTLGVDR
Q      360
RTVESLQNSS YNHFAAIYYL LLERLKEYRN AQCARPGPAR QPRPRSSDLS GLEVPQ EGL
S      420
TDPFRPALLC PQPQTLVQSV LQAEMDCELQ SSLQWPLFFP VDASCSGVFR PRPVSPSSL
L      480
DTAISEEARQ GPGLEEEQDT QESLPSSTGR RHTLAEVSTR LSPLTAPCIV VSPSTTASP
A      540
EGTSSDCLT FSASKSPAGL SGTPATQGLL GACSPVRLAS PFLGSQSATP VLQAQGGLG
G      600
AVLLPVSFQE GRRASDTSLT QGLKAFRQQL RKTTRTKGFL GLNKKIKGLAR QVCQVPASR
A      660
SRGGLSPFHA PAQSPGLHGG AAGSREGWSL LEEVLEQQRL LQLQHHPAAA PGCSQAPQP
A      720
PAPFVIAPCD GPGAAPLPST LLTSGPLLLP PPLLQTGASP VASAAQLLDT HLHIGTGPT
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<212> Type : PRT

<211> Length : 823

SequenceName : SEQ ID NO: 3

SequenceDescription :

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<213> OrganismName : Homo sapiens

<400> PreSequenceString :

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g      120
ccatggttat catgtcggag ttcagcgcgg accccgcggg ccagagtcag ggccagcag
a      180
agtccctccg ggtgggtttt tacgacatcg agcggaccct gggcaaaggc aacttcgcg
g      240
tggtgaagct ggcgcgcat cgagtcacca aaacgcaggt tgcaataaaa ataattgat
a      300
aaacacgatt agattcaagc aatttgaga aaatctatcg tgaggttcag ctgatgaag
c      360
ttctgaacca tccacacatc ataaagcttt accaggttat ggaaacaaag gacatgctt
t      420
acatcgtcac tgaatttgct aaaaatggag aaatgtttga ttatttgact tccaacggg

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c      480
acctgagtga gaacgaggcg cggaagaagt tctggcaa at cctgtcggcc gtggagtac
t      540
gtcacgacca tcacatcgtc caccgggacc tcaagaccga gaacctcctg ctggatggc
a      600
acatggacat caagctggca gat ttttggat ttgggaat tt ctacaagtca ggagagcct
c      660
tgtccacgtg gtgtgggagc ccccggtatg ccgccccgga agtctttgag ggggaaggag
t      720
atgaaggccc ccagctggac atctggagcc tgggctgtgt gctgtacgtc ctggtctgc
g      780
gttctctccc cttcgatggg cctaacctgc cgacgctgag acagcgggtg ctggagggc
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gcttccgcat ccccttcttc atgtctcaag actgtgagag cctgatccgc cgcagtctg
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g      960
ctgagccctg cttgccggga cccgcctgcc ccgccttctc cgcacacagc tacacctcc
a     1020
acctgggcga ctacgatgag caggcgctgg gtatcatgca gacctgggc gtggaccgg
c     1080
agaggacggt ggagtcactg caaaacagca gctataacca ctttgctgcc atttattac
c     1140
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a     1200
ggcagccgcg gcctcggagc tcggacctca gtggtttgga ggtgcctcag gaaggtctt
t     1260
ccaccgacc cttccgacct gccttgctgt gcccgagcc gcagaccttg gtgcagtcc
g     1320
tcctccaggc cgagatggac tgtgagctcc agagctcgct gcagtggccc ttgttcttc
c     1380
cgggtgatgc cagctgcagc ggagtgttcc ggccccggcc cgtgtcccca agcagcctg
c     1440
tggaacacag catcagtgag gaggccaggc aggggcccgg cctagaggag gagcaggac
a     1500
cgcaggagtc cctgcccagc agcacgggcc ggaggcacac cctggccgag gtctccacc
c     1560
gcctctcccc actcaccgcg ccatgtatag tcgtctcccc ctccaccacg gcaagtcct
g     1620
cagagggaac cagctctgac agttgtctga ctttctctgc gagcaaaagc cccgcgggg
c     1680
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t     1740
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g     1800
gagctgttct gctccctgtc agcttccagg agggacggcg ggcgtcggac acctcactg
a     1860
ctcaagggct gaaggccttt cggcagcagc tgaggaagac cacgcggacc aaagggttt
c     1920
tgggactgaa caaatcaag gggctggctc gccaggtgtg ccaggtccct gccagccgg

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g      1980
ccagcagggg cggcctgagc cccttccacg cccctgcaca gagcccaggg ctgcacggc
g      2040
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c      2100
tgctccagtt acagcaccac ccggccgctg caccgggctg ctcccaggcc cccagccg
g      2160
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a      2220
ccctcctcac gtcggggctc ccgctgctgc cgccccact cctgcagacc ggcgcgtcc
c      2280
cgggtggcctc agcggcgcag ctcttgga caacactgca cattggcacc ggccccacc
g      2340
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g      2460
tcctggtgca gtgagggcag ccctgcatcc tggcacggac actgactctt acagcaata
a      2520
cttcagagga ggtgaagaca tctggcctca aagccaagaa ctttctagaa gcgaaataa
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caatacgtta ggtgttttgg cgaaaaaaaa aaaaaaaaaa aaaaaaaaaa aa
2632

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<212> Type : DNA
<211> Length : 2632
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      SequenceDescription :

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Sequence

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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
tgagcaggcg ctgggtatca tgcag
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<212> Type : DNA
<211> Length : 25
      SequenceName : SEQ ID NO: 5
      SequenceDescription :

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Sequence

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<213> OrganismName : Homo sapiens
<400> PreSequenceString :
tcaccgggaa caagaagggc cacct
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<212> Type : DNA
<211> Length : 25
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      SequenceDescription :

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